

FA + AMBOSS

PLEASE READ: I paired FA 2024 and AMBOSS articles and used this as my content review (**Sept 2024 to March 2025**). The systems are in the order of how I learned content for STEP 1. I **incrementally added UWorld questions and blocks** according to the systems I learned. Please know that some of these question blocks can be 100+ questions for just one session (in AMBOSS, you can have up to 1000 questions per session), so plan accordingly. Because it took me around 1 to 1.5 weeks to complete an entire system, **time was on my side** to complete almost every question. Some articles are repeated between systems, so feel free to skip questions in a session. Anything you see **crossed out** is because **AMBOSS didn't have any relevant questions** for it for me to include in the session. Additionally, sometimes **Path** for each system was overwhelming, so I would **break up the study sessions** for those (e.g., GI has Path 1 and Path 2). Feel free to add any or remove articles to tailor it to your studying. I completed the sessions in study mode, which also contributed to the week-long reviews. **Pharm is not included for each system** because sometimes it would already be included for the individual articles, plus I reviewed Sketchy Pharm frequently. Finally, Microbiology is incomplete since I also reviewed Sketchy Micro frequently. Once I finished content review, I switched to UWorld full time. Good luck!

Renal

embryo & anatomy

- ☐ kidneys
- ☐ oligohydramnios
- ☐ congenital anomalies of the kidneys
- ☐ vesicoureteral reflux
- ☐ overview of the urinary tract

physio

- ☐ physiology of the kidney
- ☐ diagnostic evaluation of the kidney and urinary tract
- ☐ renal tubular disorders
- ☐ hyperkalemia
- ☐ hypokalemia
- ☐ hypernatremia
- ☐ hyponatremia
- ☐ hypercalcemia
- ☐ hypocalcemia

- ☐ hypomagnesemia
- ☐ hypermagnesemia
- ☐ hyperphosphatemia
- ☐ hypophosphatemia
- ☐ acid-base disorders

path

- ☐ glomerular diseases
- ☐ nephrotic syndrome
- ☐ nephritic syndrome
- ☐ poststreptococcal glomerulonephritis
- ☐ IgA nephropathy
- ☐ alport syndrome
- ☐ thin base membrane nephropathy
- ☐ nephrolithiasis
- ☐ urinary tract obstruction
- ☐ pyelonephritis
- ☐ urinary incontinence
- ☐ stress urinary incontinence
- ☐ overactive bladder and urgency urinary incontinence
- ☐ urinary tract infections
- ☐ acute kidney injury
- ☐ chronic kidney disease
- ☐ tubulointerstitial diseases
- ☐ renal cysts
- ☐ polycystic kidney disease
- ☐ renal artery stenosis
- ☐ fibromuscular dysplasia
- ☐ renal cell carcinoma
- ☐ nephroblastoma
- ☐ urinary tract cancer

pharm

- ☐ diuretics
- ☐ Renin-angiotensin-aldosterone system inhibitors

Cardio

embryo & anatomy

- ☐ heart
- ☐ prenatal and postnatal physiology

physio

- ☐ vascular physiology
- ☐ cardiac physiology
- ☐ cardiovascular examination
- ☐ aortic valve stenosis
- ☐ mitral regurgitation
- ☐ valvular heart diseases
- ☐ mitral valve prolapse
- ☐ aortic regurgitation
- ☐ mitral valve stenosis
- ☐ ECG

path

- ☐ cyanotic congenital heart defects
- ☐ acyanotic congenital heart defects
- ☐ hypertension
- ☐ lipid disorders
- ☐ atherosclerotic cardiovascular disease
- ☐ cholesterol embolization syndrome
- ☐ thoracic aortic aneurysm
- ☐ abdominal aortic aneurysm
- ☐ blunt trauma
- ☐ aortic dissection
- ☐ subclavian steal syndrome
- ☐ coronary artery disease
- ☐ myocardial infarction
- ☐ acute coronary syndrome
- ☐ overview of cardiac arrhythmias
- ☐ atrial fibrillation
- ☐ supraventricular tachycardia
- ☐ management of tachycardia
- ☐ ventricular tachycardia
- ☐ ventricular fibrillation
- ☐ long QT syndrome
- ☐ sinus node dysfunction

- ☐ atrioventricular block
- ☐ supraventricular premature beats
- ☐ premature ventricular contractions
- ☐ cardiomyopathy
- ☐ dilated cardiomyopathy
- ☐ hypertrophic cardiomyopathy
- ☐ restrictive cardiomyopathy
- ☐ heart failure
- ☐ acute heart failure
- ☐ shock
- ☐ pericardial effusion and cardiac tamponade
- ☐ syncope
- ☐ infective endocarditis
- ☐ rheumatic fever
- ☐ pericarditis
- ☐ myocarditis
- ☐ cardiac myxoma

pharm

- ☐ nitrates
- ☐ calcium channel blockers
- ☐ drug overview
- ☐ beta blockers
- ☐ statins
- ☐ second line lipid lowering agents
- ☐ cardiac glycosides
- ☐ cardiovascular drug poisoning
- ☐ antiarrhythmic drugs

Respiratory

embryo & anatomy

- ☐ airways and lungs
- ☐ choanal atresia
- ☐ neonatal respiratory distress syndrome

physio

- ☐ respiratory physiology
- ☐ pulmonary function testing

- ☐ arterial blood gas analysis
- ☐ methemoglobinemia
- ☐ carbon monoxide toxicity

path

- ☐ sinusitis
- ☐ epistaxis
- ☐ head and neck carcinomas
- ☐ deep vein thrombosis
- ☐ pulmonary embolism
- ☐ nonthrombotic embolism
- ☐ thoracic cavity
- ☐ chronic obstructive pulmonary disease
- ☐ asthma
- ☐ asthma exacerbation
- ☐ bronchiectasis
- ☐ interstitial lung diseases
- ☐ hypersensitivity pneumonitis
- ☐ sarcoidosis
- ☐ asbestos-related diseases
- ☐ silicosis
- ☐ acute respiratory distress syndrome
- ☐ obstructive sleep apnea
- ☐ pulmonary hypertension and cor pulmonale
- ☐ pulmonary examination
- ☐ atelectasis
- ☐ pleural effusion
- ☐ pneumothorax
- ☐ pneumonia
- ☐ lung abscess
- ☐ lung cancer

pharm

- ☐ antihistamines
- ☐ sympathomimetic drugs
- ☐ phosphodiesterase inhibitors
- ☐ beta-2 adrenergic agonists
- ☐ glucocorticoids

- ☐ muscarinic antagonists

Neurology

embryo

- ☐ embryogenesis
- ☐ neural tube defects
- ☐ basics of embryology
- ☐ craniovertebral junction anomalies
- ☐ syringomyelia

anatomy & physio

- ☐ the cerebral cortex, meninges, basal ganglia, and ventricular system
- ☐ nerve tissue, synapses, and neurotransmitters
- ☐ resting potentials and action potentials
- ☐ the somatosensory system
- ☐ peripheral nerve injuries
- ☐ brainstem
- ☐ sleep and sleep disorders
- ☐ diencephalon
- ☐ cerebellum
- ☐ neurological examination
- ☐ cerebrovascular system
- ☐ cerebral venous thrombosis
- ☐ autonomic nervous system
- ☐ skull
- ☐ spinal cord tracts and reflexes
- ☐ oral cavity

path 1

- ☐ traumatic brain injury
- ☐ mild traumatic brain injury
- ☐ ischemic stroke
- ☐ transient ischemic attack
- ☐ elevate intracranial and brain herniation
- ☐ overview of stroke
- ☐ intracerebral hemorrhage
- ☐ epidural hematoma
- ☐ subdural hematoma

- ☐ subarachnoid hemorrhage
- ☐ neurological examination
- ☐ aneurysm
- ☐ heat-related illnesses
- ☐ febrile seizures
- ☐ seizures and epilepsy
- ☐ focal seizures and syndromes
- ☐ generalized epilepsy in childhood
- ☐ headache
- ☐ tension-type headache
- ☐ migraine
- ☐ cluster headache
- ☐ trigeminal neuralgia
- ☐ restless legs syndrome
- ☐ parkinson disease
- ☐ huntington disease
- ☐ alzheimer disease
- ☐ frontotemporal dementia
- ☐ parkinson-plus syndromes
- ☐ vascular dementia
- ☐ dementia
- ☐ creutzfeldt-jakob
- ☐ HIV associated conditions
- ☐ cerebrovascular system

path 2

- ☐ spinal cord tracts and reflexes
- ☐ idiopathic intracranial hypertension
- ☐ hydrocephalus
- ☐ multiple sclerosis
- ☐ guillain-barré syndrome
- ☐ progressive multifocal leukoencephalopathy
- ☐ neurocutaneous syndromes
- ☐ brain tumors
- ☐ elevated intracranial pressure
- ☐ spinal cord injuries
- ☐ incomplete spinal cord syndromes

- ☐ friedreich ataxia
- ☐ cerebral palsy
- ☐ cranial nerve palsies
- ☐ facial nerve palsy
- ☐ facial fractures
- ☐ skull fractures

Gastroenterology

embryo, anatomy, physio

- ☐ gastrointestinal tract
- ☐ congenital visceral malformations
- ☐ abdominal hernias
- ☐ esophageal atresia
- ☐ hypertrophic pyloric stenosis
- ☐ pancreas
- ☐ spleen
- ☐ abdominal cavity
- ☐ small intestine
- ☐ stomach
- ☐ liver
- ☐ large intestine
- ☐ portal hypertension
- ☐ esophageal varices
- ☐ hemorrhoids
- ☐ anal fissures
- ☐ gall bladder
- ☐ inguinal hernia
- ☐ abdominal hernias
- ☐ anterior abdominal wall
- ☐ malabsorption
- ☐ laboratory medicine

path

- ☐ precancerous skin lesions
- ☐ oral cavity
- ☐ aphthous stomatitis
- ☐ oral cavity cancer

- ☐ general oncology
- ☐ diseases of the salivary glands
- ☐ achalasia
- ☐ gastroesophageal reflux disease
- ☐ esophagitis
- ☐ esophagus
- ☐ esophageal cancer
- ☐ esophageal varices
- ☐ esophageal perforation
- ☐ esophageal diverticula
- ☐ esophageal hypermobility disorders
- ☐ dysphagia
- ☐ iron deficiency anemia
- ☐ mallory-weiss syndrome
- ☐ chest pain
- ☐ gastrointestinal bleeding
- ☐ systemic sclerosis
- ☐ cellular changes and adaptive responses
- ☐ gastritis
- ☐ acute abdomen
- ☐ gastric cancer
- ☐ stomach
- ☐ peptic ulcer disease
- ☐ cushing syndrome
- ☐ malabsorption
- ☐ crohn disease
- ☐ celiac disease
- ☐ ulcerative colitis
- ☐ lactose intolerance
- ☐ chronic pancreatitis
- ☐ diarrhea
- ☐ irritable bowel syndrome
- ☐ acute appendicitis
- ☐ acute pancreatitis
- ☐ diverticulosis
- ☐ diverticulitis

- ☐ meckel diverticulum
- ☐ hirschsprung disease
- ☐ midgut volvulus and intestinal malrotation
- ☐ bowel obstruction
- ☐ sigmoid volvulus and cecal
- ☐ IgA vasculitis
- ☐ intussusception
- ☐ infective endocarditis
- ☐ pancreatic cancer
- ☐ nephrolithiasis
- ☐ intestinal ischemia

path 2

- ☐ intestinal ischemia
- ☐ angiodysplasia
- ☐ atherosclerotic cardiovascular disease
- ☐ megacolon
- ☐ bowel obstruction
- ☐ bowel surgery
- ☐ paralytic ileus
- ☐ postoperative management
- ☐ necrotizing entero
- ☐ gonorrhea
- ☐ radiation injury
- ☐ pneumonia
- ☐ small intestinal bacterial overgrowth
- ☐ colonic polyps
- ☐ neurocutaneous syndromes
- ☐ lynch syndrome
- ☐ colorectal cancer
- ☐ brain tumors
- ☐ cirrhosis
- ☐ heart failure
- ☐ portal hypertension
- ☐ ascites
- ☐ peripheral edema
- ☐ budd-chiari syndrome

- ☐ polycythemia vera
- ☐ portal vein thrombosis
- ☐ spontaneous bacterial peritonitis
- ☐ laboratory medicine
- ☐ antiplatelet agents
- ☐ kawasaki disease
- ☐ alcohol-associated liver disease
- ☐ alcohol-associated hepatitis
- ☐ alcohol use disorder
- ☐ toxic alcohol poisoning
- ☐ lipid disorders
- ☐ metabolic dysfunction-associated steatotic
- ☐ autoimmune hepatitis
- ☐ hepatic encephalopathy
- ☐ hepatorenal syndrome
- ☐ benign liver tumors and hepatic cyst
- ☐ general oncology
- ☐ general histology
- ☐ hepatocellular cancer
- ☐ inborn errors of metabolism
- ☐ chronic obstructive pulmonary disease
- ☐ neonatal jaundice
- ☐ congenital visceral malformations
- ☐ wilson disease
- ☐ hemochromatosis
- ☐ gallbladder and bile
- ☐ primary sclerosing cholangitis
- ☐ primary biliary cholangitis
- ☐ biliary cancer
- ☐ cholelithiasis
- ☐ jaundice and cholestasis
- ☐ choledocholithiasis
- ☐ acute cholecystitis
- ☐ acute cholangitis
- ☐ acute pancreatitis
- ☐ chronic pancreatitis

- ☐ diabetes mellitus

Musculoskeletal (MSK)

anatomy & physio 1

- ☐ peripheral nerve injuries
- ☐ forearm, wrist, and hand
- ☐ forearm fractures
- ☐ sports injuries
- ☐ shoulder and axilla
- ☐ orthopedic shoulder examination
- ☐ shoulder dislocation
- ☐ shoulder dystocia
- ☐ soft tissue lesions of the shoulder
- ☐ upper arm and elbow
- ☒ ~~elbow dislocation~~
- ☐ humerus fracture
- ☐ clavicle fracture
- ☐ child development and milestones
- ☐ the newborn infant
- ☐ thoracic outlet syndrome
- ☐ raynaud phenomenon
- ☐ deep venous thrombosis
- ☐ EDS and Marfan syndrome
- ☐ breast cancer
- ☐ carpal tunnel syndrome
- ☐ distal radius fractures
- ☐ ulnar nerve entrapment
- ☐ radial neuropathies
- ☐ radial head subluxation
- ☐ upper extremity osteopathy
- ☒ ~~anatomy illustration quizzes~~
- ☒ ~~neurovasculature of the upper limbs~~
- ☐ work-related conditions
- ☐ neurological examination
- ☐ median nerve neuropathy

- ☐ metacarpal fractures
- ☐ scaphoid fracture
- ☐ head and neck region

anatomy & physio 2

- ☐ pelvis and hip joint
- ☐ orthopedic examination
- ☐ neurological examination
- ☐ foot deformities
- ☐ knee ligament injuries
- ☐ meniscus tear
- ☒ PE
- ☐ thigh, knee, popliteal fossa
- ☐ the leg, ankle, and foot
- ☒ ~~neurovasculature of the lower limbs~~
- ☐ peripheral nerve injuries
- ☐ sports injuries
- ☐ degenerative disk disease
- ☐ normal labor and delivery
- ☐ sciatica

anatomy & physio 3

- ☐ muscle tissue
- ☐ spinal cord tracts and reflexes
- ☐ the somatosensory system
- ☐ bone tissue

path 1

- ☐ insertional tendinopathy
- ☐ clavicle fracture
- ☐ ulnar nerve entrapment
- ☐ carpal tunnel syndrome
- ☐ metacarpal fractures
- ☐ psoas abscess
- ☐ knee ligament injuries
- ☐ bursitis
- ☐ popliteal (baker) cyst
- ☐ chest pain
- ☐ noninfectious tenosynovitis

- ☐ dupuytren contracture
- ☐ collection of orthopedic conditions
- ☐ acute compartment syndrome
- ☐ sports injuries
- ☐ plantar fasciitis
- ☐ jaw disorders
- ☐ radial head subluxation
- ☐ osgood-schlatter disease
- ☐ lower extremity osteopathy
- ☐ developmental dysplasia of the hip
- ☐ legg-calvé-perthes disease
- ☐ slipped capital femoral epiphysis
- ☐ pediatric fractures
- ☐ skeletal dysplasia
- ☐ osteoporosis
- ☐ osteomalacia and rickets
- ☐ paget disease of bone
- ☐ avascular necrosis
- ☐ hyperparathyroidism
- ☐ vitamins
- ☐ vitamin d def
- ☐ benign bone tumors
- ☐ malignant bone tumors
- ☐ osteoarthritis
- ☐ osteoarthritis of the hip and knee
- ☐ rheumatoid arthritis
- ☐ gout
- ☐ calcium pyrophosphate deposition disease
- ☐ juvenile idiopathic arthritis
- ☐ sjogren syndrome
- ☐ septic arthritis
- ☐ osteomyelitis
- ☐ psoriasis
- ☐ ankylosing spondylitis
- ☐ reactive arthritis

path 2

- ☐ systemic lupus erythematosus
- ☐ systemic sclerosis
- ☐ antiphospholipid syndrome
- ☐ polymyalgia rheumatica
- ☐ fibromyalgia
- ☐ autoab's in rheumatic diseases
- ☐ idiopathic inflammatory myopathies
- ☐ IgG4-related disease
- ☐ giant cell arteritis
- ☐ takayasu arteritis
- ☐ thromboangiitis obliterans
- ☐ kawasaki disease
- ☐ polyarteritis nodosa
- ☐ behcet disease
- ☐ cutaneous small-vessel vasculitis
- ☐ eosinophilic granulomatosis with polyangiitis
- ☐ granulomatosis with polyangiitis
- ☐ IgA vasculitis
- ☐ microscopic polyangiitis
- ☐ cryoglobulinemic vasculitis
- ☐ myasthenia gravis
- ☐ botulism
- ☐ paraneoplastic syndromes
- ☐ raynaud phenomenon
- ☐ pericarditis

Dermatology

- ☐ skin and skin appendage
- ☐ the cell
- ☐ general histology
- ☐ principles of dermatology
- ☐ collection of dermatological disorders
- ☐ hyperpigmentation disorders
- ☐ vitiligo
- ☐ seborrheic dermatitis
- ☐ atopic dermatitis

- ☐ acne vulgaris
- ☐ allergic contact dermatitis
- ☒ ~~keratosis pilaris~~
- ☐ nevus
- ☐ the newborn infant
- ☐ general oncology
- ☐ dermatological conditions in skin of color
- ☐ psoriasis
- ☐ rosacea
- ☐ benign skin tumors
- ☐ paraneoplastic syndromes
- ☐ cutaneous warts
- ☐ anogenital warts
- ☐ urticaria
- ☐ bacillary angiomatosis
- ☐ glomus tumors
- ☐ kaposi sarcoma
- ☐ herpes virus infections
- ☐ impetigo
- ☐ skin and soft tissue infections
- ☐ bacteria overview
- ☐ local inflammatory responses
- ☐ staphylococcal scalded skin syndrome
- ☐ HSV infections
- ☐ molluscum contagiosum
- ☐ Human immunodeficiency virus infection
- ☐ viral conjunctivitis
- ☐ chickenpox
- ☐ shingles
- ☐ tongue conditions
- ☐ infectious mononucleosis
- ☐ dermatophyte infections
- ☐ tinea versicolor
- ☐ autoimmune blistering diseases
- ☐ hypersensitivity reactions
- ☐ celiac disease

- ☐ erythema multiforme
- ☐ stevens-johnson syndrome
- ☐ chronic venous disease
- ☐ peripheral arterial disease
- ☐ diabetic foot
- ☐ decubitus ulcers
- ☐ acanthosis nigricans
- ☐ erythema nodosum
- ☐ leprosy
- ☐ crohn disease
- ☐ ichthyosis
- ☐ lichen planus
- ☐ pityriasis rosea
- ☐ sunburn
- ☐ burns
- ☐ asthma
- ☐ basal cell carcinoma
- ☐ cutaneous scc
- ☐ osteomyelitis
- ☐ actinic keratosis
- ☐ melanoma

Otology

- ☒ ~~the ear~~
- ☐ cranial nerve palsies
- ☐ otitis externa
- ☐ malignant otitis externa
- ☐ otitis media with effusion
- ☐ acute otitis media
- ☐ work-related conditions
- ☐ hearing loss
- ☐ tinnitus
- ☐ cholesteatoma
- ☐ vertigo
- ☐ benign paroxysmal positional vertigo
- ☒ ~~persistent postural perceptual dizziness~~

- ☐ vestibular neuritis
- ☐ meniere disease

Ophthalmology

- ☒ ~~eye and orbit~~
- ☐ abnormalities of eyelid positions
- ☐ examination of the eye
- ☐ overview of conjunctivitis
- ☐ bacterial conjunctivitis
- ☐ viral conjunctivitis
- ☐ neonatal conjunctivitis

- ☐ refractive errors
- ☐ cataract
- ☒ ~~dislocation of the lens~~
- ☐ glaucoma
- ☐ age-related macular degeneration
- ☐ diabetic retinopathy
- ☐ hypertension
- ☐ retinal vessel occlusion
- ☐ retinal detachment
- ☐ disease of the retina
- ☐ the newborn infant
- ☐ disorders of the visual pathway
- ☐ retinoblastoma
- ☐ diseases of the uvea
- ☐ cranial nerve palsies
- ☐ cerebrovascular system
- ☐ cerebral venous thrombosis
- ☐ physiology and abnormalities of the pupil
- ☐ neuro examination
- ☐ horner syndrome
- ☐ ocular motility disorders and strabismus
- ☐ traumatic eye injuries

Endocrinology

embryo, anatomy, physio

- ☐ thyroid gland and parathyroid glands
- ☐ congenital neck masses
- ☐ general endocrinology
- ☐ adrenal gland
- ☐ pancreas
- ☐ trace elements
- ☐ hypocalcemia
- ☐ insulin
- ☐ congenital adrenal hyperplasia
- ☐ signal transduction

path 1

- ☐ syndrome of inappropriate ADH
- ☐ arginine vasopressin disorders
- ☐ hyponatremia
- ☐ hypernatremia
- ☐ hypopituitarism
- ☐ postpartum hemorrhage
- ☐ acromegaly
- ☐ hypertension
- ☐ hypothyroidism
- ☐ hyperthyroidism
- ☐ grave disease
- ☐ thyroid disorders
- ☐ idiopathic inflammatory myopathies
- ☐ hashimoto thyroiditis
- ☐ subacute thyroiditis
- ☐ jaundice
- ☐ thyroid nodules
- ☐ thyroid surgery
- ☐ heart failure
- ☐ goiter
- ☐ thyroid cancer
- ☐ vitamin D deficiency
- ☐ hypoparathyroidism
- ☐ hyperparathyroidism
- ☐ hypocalcemia
- ☐ short stature
- ☐ rare inherited syndrome
- ☐ chronic kidney disease
- ☐ hypercalcemia

path 2

- ☐ diabetes mellitus
- ☐ hyperglycemia crises
- ☐ diabetic kidney disease
- ☐ diabetic retinopathy
- ☐ diabetic neuropathy
- ☐ diabetic gastroparesis

- ☐ cushing syndrome
- ☐ diabetes mellitus in pregnancy
- ☐ adrenal insufficiency
- ☐ primary hyperaldosteronism
- ☐ pituitary adenoma
- ☐ neuroblastoma
- ☐ nephroblastoma
- ☐ pheochromocytoma
- ☐ multiple endocrine neoplasia
- ☐ pancreatic neuroendocrine tumors
- ☐ carcinoid tumor
- ☐ gastrinoma

Reproduction

embryo

- ☐ embryogenesis
- ☐ teratogenesis
- ☐ diabetes mellitus in pregnancy
- ☐ the placenta, umbilical cord, and amniotic sac
- ☐ polyhydramnios
- ☐ oligohydramnios
- ☐ multiple pregnancy
- ☐ cleft lip and cleft palate
- ☐ development of the reproductive system
- ☐ male reproductive organs
- ☐ female reproductive organs
- ☐ anomalies of the female genital tract
- ☐ androgens
- ☐ abnormalities of the male urethra and webbed penis

anatomy

- ☒ ~~anatomy overview~~
- ☐ ovarian torsion
- ☒ ~~pelvic pain~~
- ☐ pelvic organ prolapse
- ☐ pelvic fracture
- ☒ ~~virtual histology slide box~~

- ☐ genitourinary trauma
- ☐ autonomic nervous system

physio

- ☐ female sex hormones
- ☐ the menstrual cycle
- ☐ abnormal uterine bleeding
- ☐ pregnancy
- ☐ maternal complications during pregnancy
- ☐ hypertensive pregnancy disorders
- ☐ ectopic pregnancy
- ☐ the newborn infant
- ☐ normal labor and delivery
- ☐ menopause
- ☐ amenorrhea
- ☐ puberty

path 1

- ☐ differences (disorders) of sex development
- ☐ hypogonadism
- ☐ postpartum hemorrhage
- ☐ antepartum hemorrhage
- ☐ abnormal labor and delivery
- ☐ infertility
- ☐ uterine rupture
- ☐ gestational trophoblastic disease
- ☐ bartholin gland cyst and abscess
- ☐ lichen sclerosis
- ☒ ~~lichen simplex chronicus~~
- ☐ vulvar and vaginal cancer
- ☐ anomalies of the female genital tract
- ☐ polycystic ovary syndrome
- ☐ contraception
- ☐ invasive cervical cancer
- ☐ cervical cancer screening
- ☐ ovarian cysts
- ☐ polyhydramnios
- ☐ oligohydramnios

path 2

- ☐ overview of ovarian tumors
- ☐ ovarian cancer
- ☐ adenomyosis
- ☐ endometriosis
- ☐ benign and premalignant lesions of the endometrium
- ☐ uterine leiomyoma
- ☐ endometrial cancer
- ☐ the breasts
- ☐ fibrocystic breast changes
- ☐ fat necrosis of the breast
- ☐ mastitis
- ☒ ~~mammary duct ectasia~~
- ☐ fibroadenoma
- ☐ intraductal papilloma
- ☐ phyllodes tumor
- ☐ palpable breast mass
- ☐ breast cancer
- ☐ overview of common breast conditions
- ☐ gynecomastia
- ☐ penile fracture
- ☐ priapism
- ☐ carcinoma of the penis
- ☐ precancerous skin lesions
- ☐ scrotal abnormalities
- ☐ testicular torsion
- ☐ testicular tumors
- ☐ epididymitis
- ☐ benign prostatic hyperplasia
- ☐ prostatitis
- ☐ prostate cancer

Pathology

cellular injury

- ☐ cellular changes and adaptive responses
- ☐ methemoglobinemia

- ☐ carbon monoxide toxicity
- ☐ budd-chiari syndrome

- ☐ hydrocarbon toxicity
- ☐ radiation injury
- ☐ radiation therapy
- ☐ amyloidosis

inflammation

- ☐ local inflammatory responses
- ☐ innate immune system
- ☐ adaptive immune system
- ☐ fever
- ☐ leukocytosis
- ☐ laboratory medicine
- ☐ systemic lupus erythematosus
- ☐ sjogren syndrome
- ☐ systemic sclerosis
- ☐ wound healing

neoplasia + aging

- ☐ general oncology
- ☐ tumor markers
- ☐ paraneoplastic syndromes
- ☐ aging changes

Immunology

lymphoid structures, cell components, and immunosuppressants

- ☐ lymphatic system
- ☐ lymphadenopathy
- ☐ spleen
- ☐ asplenia
- ☐ innate immune system
- ☐ adaptive immune system
- ☐ immunosuppressants
- ☐ glucocorticoids
- ☐ cytokines and eicosanoids

immune responses

- ☐ congenital immunodef
- ☐ paroxysmal nocturnal hemoglobinuria
- ☐ vaccination

- ☐ hypersensitivity reactions
- ☐ transfusion reactions
- ☐ transfusion
- ☐ autoantibodies in rheumatic diseases
- ☐ thyroid antibodies
- ☐ transplantation

Heme-Onc

embryo, anatomy, physio

- ☐ basics of hematology
- ☐ erythrocyte morphology and hemoglobin
- ☐ transfusion
- ☐ hemolytic disease of the fetus and newborn
- ☐ laboratory medicine
- ☐ laboratory methods
- ☐ vitamin k def bleeding
- ☐ hemolytic anemia
- ☐ hemostasis and bleeding disorders

path 1

- ☐ anemia
- ☐ iron deficiency anemia
- ☐ pica
- ☐ restless legs syndrome
- ☐ thalassemia
- ☐ folate deficiency
- ☐ vitamin b12 deficiency
- ☐ autoimmune hemolytic anemia
- ☐ pancytopenia
- ☐ hereditary spherocytosis
- ☐ paroxysmal nocturnal hemoglobinuria
- ☐ glucose-6-phosphate dehydrogenase deficiency
- ☐ porphyrias

path 2

- ☐ hemostasis and bleeding disorders
- ☐ hemophilia
- ☐ hemolytic uremic syndrome

- ☐ immune thrombocytopenia
- ☐ thrombotic thrombocytopenic purpura
- ☐ thrombocytopenia
- ☐ disseminated intravascular coagulation
- ☐ von willebrand disease
- ☐ hypercoagulable states
- ☐ antiplatelet agents

path 3

- ☐ hodgkin lymphoma
- ☐ non-hodgkin lymphomas
- ☐ malt lymphoma
- ☐ mycosis fungoides
- ☐ multiple myeloma
- ☐ myelodysplastic syndromes
- ☐ acute leukemia
- ☐ chronic lymphocytic leukemia
- ☐ chronic myeloid leukemia
- ☐ myeloproliferative neoplasms
- ☐ polycythemia vera
- ☐ oncologic syndrome

pharm

- ☐ parenteral anticoagulation
- ☐ heparin-induced thrombocytopenia
- ☐ oral anticoagulants
- ☐ anticoagulant reversal
- ☐ antiplatelet agents
- ☐ salicylate poisoning
- ☐ phosphodiesterase inhibitors
- ☐ chemotherapeutic agents
- ☐ immunosuppressants

Psychiatry

psychology

- ☐ psychotherapy and defense mechanisms
- ☐ grief and end-of-life counseling

☐ child development and milestones

path

☐ child maltreatment

☐ somatic symptoms and related disorders

☐ attention deficit hyperactivity disorder

☐ autism spectrum disorder

☐ disruptive, impulse-control, and conduct disorders

☐ neurodevelopmental disorders

☐ anxiety disorders

☐ tic disorders

☐ wernicke encephalopathy and korsakoff syndrome

☐ mental status examination

☐ dissociative disorders

☐ delirium

☐ approach to psychosis

☐ major depressive disorder

☐ bipolar disorder

☐ schizophrenia

☐ electroconvulsive therapy

☐ suicide

☐ obsessive-compulsive disorder

☐ trauma- and stressor-related disorders

☐ acute and posttraumatic stress disorders

☐ personality disorders

☐ overview of eating disorders

☐ anorexia nervosa

☐ bulimia nervosa

☐ binge eating disorder

☐ gender dysphoria

☐ gender- and sexuality-related disorders

☐ sleep and sleep disorders

☐ elimination disorders

☐ narcolepsy

☐ substance-related and addictive disorders

☐ patient communication and counseling

☐ serotonin syndrome

- ☐ hypertensive crises
- ☐ neuroleptic malignant syndrome

pharm

- ☐ psychiatric drug poisoning
- ☐ sedative-hypnotic drugs
- ☐ opioid
- ☐ opioid overdose
- ☐ opioid withdrawal
- ☐ alcohol withdrawal
- ☐ alcohol use disorder
- ☐ alcohol intoxication
- ☐ stimulant intoxication and withdrawal
- ☐ tobacco product use and smoking cessation
- ☐ cannabis-induced disorders
- ☐ antipsychotics
- ☐ lithium
- ☐ antidepressants

Microbiology

basic bacterio

- ☐ general bacteriology
- ☐ bacteria overview

clinical bacterio

- ☐ staphylococcal diseases
- ☐ food poisoning
- ☐ anthrax
- ☐ clostridioides difficile infection
- ☐ gas gangrene
- ☐ tetanus
- ☐ infectious gastroenteritis
- ☐ acute tonsillitis and pharyngitis
- ☐ listeriosis
- ☐ nocardiosis
- ☐ actinomycosis
- ☐ mycobacterium avium complex infection

- ☐ leprosy
- ☐ gonorrhea
- ☐ pertussis
- ☐ brucellosis
- ☐ legionnaires disease
- ☐ typhoid and paratyphoid fever
- ☐ diarrheagenic E. coli

mycology

- ☐

parasitology

- ☐

virology

- ☐

systems

- ☐

antimicrobials

- ☐ overview of antibiotic therapy

Public Health Sciences

epidemiology & biostatistics

- ☐ epidemiology
- ☐ interpreting medical evidence
- ☐ statistical analysis of data
- ☐ population health

ethics

- ☐ principles of medical law and ethics
- ☐ challenging clinical and ethical scenarios
- ☐ capacity, competence, and consent
- ☐ ethics of communicating medical information

communication skills

- ☐ patient communication and counseling

healthcare delivery

- ☐ health care system
- ☐ overview of palliative medicine
- ☐ patient safety

Biochemistry

molecular

- ☐ nucleotides, DNA, RNA
- ☐ purines and pyrimidines
- ☐ inborn errors of metabolism
- ☐ translation and protein synthesis
- ☐ dna replication and repair
- ☒ ~~xeroderma pigmentosum~~
- ☐ lynch syndrome
- ☐ gene expression and transcription

cellular

- ☐ the cell cycle
- ☐ the cell
- ☐ rare neurological diseases
- ☐ proteins and peptides
- ☐ general histology
- ☐ resting potentials and AP's
- ☐ connective tissue
- ☐ ehlers danlos syndrome and marfan syndrome
- ☐ connective tissue diseases

lab techniques

- ☐ laboratory methods
- ☐ pathology techniques

genetics

- ☐ basics of human genetics
- ☐ rare inherited syndromes
- ☐ cystic fibrosis
- ☐ progressive muscular dystrophies
- ☐ myotonic syndromes
- ☐ huntington disease
- ☐ friedreich ataxia
- ☐ down syndrome
- ☐ chromosomal abnormalities

nutrition

- ☐ principles of nutrition
- ☐ vitamins

- ☐ vitamin B12 deficiency
- ☐ folate deficiency
- ☐ vitamin K deficiency bleeding of the newborn
- ☐ vitamin D deficiency
- ☐ protein energy malnutrition

metabolism

- ☐ inborn errors of metabolism
- ☐ inborn errors of carb metabolism
- ☐ electron transport chain and ox phos
- ☐ glycolysis and gluconeogenesis
- ☒ ~~general metabolism~~
- ☐ citric acid cycle
- ☐ glucose-6-phosphate dehydrogenase deficiency
- ☐ carbohydrates
- ☐ lactose intolerance
- ☐ amino acids
- ☐ glycogen metabolism
- ☐ lysosomal storage diseases
- ☐ lipids and their metabolism
- ☐ lipid disorders

Pharmacology

pharmacokinetics and pharmacodynamics

- ☐ enzymes and biocatalysis
- ☐ fundamentals of pharm

autonomic drugs

- ☐ autonomic nervous system
- ☐ signal transduction
- ☐ parasympathomimetic drugs
- ☐ cholinergic poisoning
- ☐ sympathomimetic drugs
- ☐ muscarinic antagonists
- ☐ sympatholytic drugs
- ☐ beta blockers
- ☐ beta-2 adrenergic agonists
- ☐ phosphodiesterase inhibitors

toxicities and adverse effects

- ☐ food poisoning

Poisoning

- ☐ poisoning
- ☐ approach to the poisoned patient
- ☐ cardiovascular drug poisoning